

AVAN

efficiency | speed | power



Introducing AVAN

The latest propeller by EMAX to take the most important aspect of drone performance and redesign it from the ground up.

What can only be described as “riding on rails,” the Avan series boasts a unique airfoil, based on Advance Ratio Hydronamics, engineered to maximize the efficiency and speed of 2306s motors.



Need For Speed

The Avan S is geared towards those needing to show who's the top pilot around. Sporting two blades and a unique airfoil to maximize the high end of a motor, speed run records will be broken.



Race to the Finish

Avan R propellers are for those needing to gain an edge against the competition. When shaving off milliseconds on corners and reducing prop wash can determine winning or losing, the Avan R boasts an airfoil aimed to do all those things. Being the very first propeller with Linear Throttle Response, feeling in control is no longer difficult.



S P E C S

Avan S

- 2 blades
- 5 inch blade
- .75^{AB}
- High grade poly carbonate
- Exclusive locking design in propeller hub to match RS2306 and RS2205

Avan R

- 3 blades
- 5 inch blade
- .65^{AB}
- High grade poly carbonate
- Exclusive locking design in propeller hub to match RS2306 and RS2205

Advance Ratio (J)

WORLD'S FIRST ADVANCE RATIO PROPELLER DESIGNED WITH EMAX RS2306 TORQUE CURVE IN MIND. "Advance Ratio" J is the ratio of wind speed along the axis of a rotor or propeller to the speed of the blade tip.

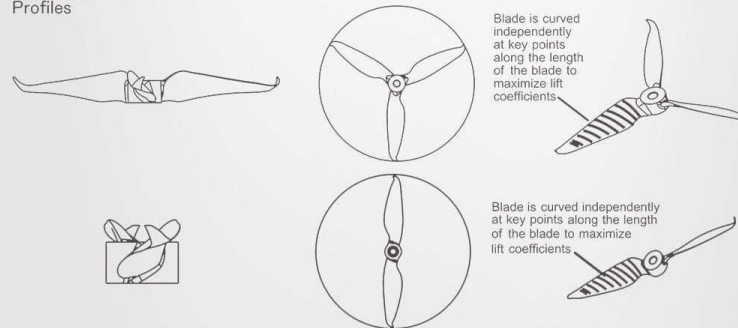
AVAN-S

The AVAN-S uses airfoils capable of achieving higher lift coefficients at lower angles of attack to achieve more speed with less blade angle necessary.

AVAN-R

The AVAN-R uses airfoils that achieve high lift coefficients with extreme responsiveness while expanding its stall range and ultimately its efficiency range.

Profiles



EMAX



